

FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION**
(Use several sheets if necessary)

Sheet 1 of 2

ATTORNEY DOCKET NO.

1136/1/US (Pfizer Ref.
27520/USA)

SERIAL NO.

10/603,441

APPLICANTS

Daniel P. Becker, et al.

FILING DATE

June 25, 2003

GROUP

1625

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	✓	6,683,078	1/27/04	Barta et al.	514/231.5	7/12/02
2.		6,683,093	1/27/04	Barta, et al.	514/316	11/21/01
3.		6,689,794	2/10/04	Freskos, et al.	514/318	5/10/02
4. (office actions, advisory action, and notice of allowance enclosed)		6,750,228, including 5/31/01 Office action, 10/5/01 Office action, 4/11/03 Office action, 9/11/03 advisory action, and 9/30/03 notice of allowance	6/15/04	Barta et al.	514/316	5/12/00
5.		6,750,233	6/15/04	Barta et al.	514/336	9/17/01
6. (enclosed)		11/20/03 Office action and 7/28/04 Office action from Abandoned Appl. No. 09/311,837		Barta, et al.		5/14/1999
7. (allowed claims and notice of allowance enclosed)		Appl. Publ. No. 2004-0048852 (Appl. No. 10/337,942), including allowed claims and 2/13/04 notice of allowance		Barta, et al.	514/317	1/7/03
8. (pending claims enclosed)	✓	Appl. Publ. No. 2004-0235818 (Appl. No. 10/747,796), including pending claims		Barta et al.	514/315	12/29/03

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
9. (enclosed)	✓	EP 0 994 104	4/19/00	Europe	C07C 317/44	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. (enclosed)	✓	WO 03/045944	6/5/03	PCT	C07D 405/12	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Examiner:

Chy

Date Considered:

5/4/05

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<p>FORM HDP-1449 (Based on Form PTO-1449)</p> <p>PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> <p>Sheet 2 of 2</p>	ATTORNEY DOCKET NO.	SERIAL NO.
	01136/1/US (Pfizer Ref. 27520/USA)	10/603,441
	APPLICANT	
	Daniel P. Becker, et al.	
	FILING DATE	GROUP
	June 25, 2003	1625

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
11. (enclosed)	<i>CC</i>	Search Report and Preliminary Examination Report for International Application No. PCT/US03/20028

Examiner: <i>Chy</i>	Date Considered: <i>5/4/05</i>
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	cc	WO 00/18741	4/6/00	PCT	C07D/ 231/00		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
2.	cc	Janczewski, Marian et al., "Effect of Molecular Structure on Optical Properties of Sulfoxide Systems. Parts LV and LVI. Optical Relationships in the 4-Diphenylsulfinylacetic Acids Group and Their 4'-Ethyl and 4'-t-Butyl Derivatives", Roczniki Chemii, vol. 48, pages 409-431 (1974)
3.	cc	Gajadhur, Alvin et al., "Phenylsulfonylacetamide Derivatives as New Compounds with Potential Biological Activity", Pestycydy, vol. 3-4, pages 5-9 (2001)

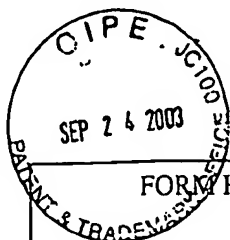
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Sheet 1 of 3

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation	
						Yes	No
32.	u	WO 99/42436	8/26/99	PCT	C07C 239/14	-	
33.	/	WO 99/25687	5/27/99	PCT	C07D 211/66		
34.	/	WO 99/09000	2/25/99	PCT	C07C 235/00		
35.	/	WO 98/38163	9/3/98	PCT	C07C 323/60		
36.	/	WO 98/37877	9/3/98	PCT	A61K 31/16		
37.	/	WO 97/24117	7/10/97	PCT	A61K 31/19		
38.	/	WO 97/20824	6/12/97	PCT	C07D 241/04		
39.	/	WO 96/11209	4/18/96	PCT	C07K 5/06		
40.	/	WO 96/06074	2/29/96	PCT	C07C 259/06		
41.	/	WO 95/29892	11/9/95	PCT	C07D 207/327		
42.	/	WO 95/13289	5/18/95	PCT	C07K 5/062		
43.	/	WO 95/09841	4/13/95	PCT	C07C 323/60		
44.	/	WO 94/24140	10/27/94	PCT	C07H 13/04		
45.	/	WO 94/02466	2/3/94	PCT	C07D 221/14		
46.	u	WO 93/20047	10/14/93	PCT	C07C 317/44		

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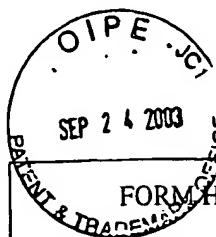
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FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
47.	cc	WO 90/05719	5/31/90	PCT	C07C 323/62	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
48.	cc	Brown, "Synthetic Inhibitors of Matrix Metalloproteinases"; <i>Matrix Metalloproteinases</i> , pp. 243-261 (Academic Press, San Diego, CA, Eds. Park, W.C., & Mecham, R.P., 1998)
49.		Dack, et al., "Preparation of N-hydroxytetrahydropyridylsulfonylacetamides and related compounds as matrix metalloprotease inhibitors," CA 131:44740 (1999)
50.		Denis, et al., "Matrix metalloproteinase inhibitors: Present achievements and future prospects," <i>Invest. New Drugs</i> , 15:175-185 (1997)
51.		Freije, et al., "Molecular cloning and expression of collagenase-3, a novel human matrix metalloproteinase produced by breast carcinomas," <i>J. Biol. Chem.</i> , 269(24), pp. 16766-16773 (1994)
52.		Gearing, et al., "Processing of tumour necrosis factor- α precursor by metalloproteinases", <i>Nature</i> , 370:555-557 (1994)
53.		Gu, et al., "S-Nitrosylation of Matrix Metalloproteinases: Signaling Pathway to Neuronal Cell Death," <i>Science</i> , 297, 1186-1190 (2002)
54.		Hughes, et al., "Monoclonal antibodies that specifically recognize neoepitope sequences generated by 'aggrecanase' and matrix metalloproteinase cleavage of aggrecan: application to catabolism <i>in situ</i> and <i>in vitro</i> ," <i>Biochem. J.</i> , 305, 799-804 (1995)
55.		Kenyon, et al., "A Model of Angiogenesis in the Mouse Cornea," <i>Investigative Ophthalmology & Visual Science</i> , Vol. 37, No. 8:1625-32 (July 1996)
56.		Knight, et al., "A novel coumarin-labelled peptide for sensitive continuous assays of the matrix metalloproteinases," <i>FEBS Lett.</i> , 296(3):263-266 (1992)
57.		Kuzmic, et al., "High-throughput screening of enzyme inhibitor: simultaneous determination of tright-binding inhibition constants and enzyme concentration," <i>Anal. Biochem.</i> , 286, 45-50 (2000)
58.	cc	Luckow, et al., "Insect Cell Expression Technology", <i>Protein Engineering: Principles and Practice</i> , pp. 183-218 (John Wiley & Sons, Inc., New York, NY, Edited by J.L. Cleland et al., 1996)

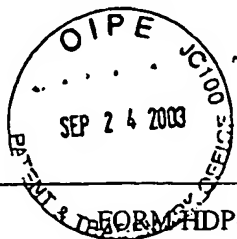
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	01136/1/US	10/600,000
	APPLICANT	
	Daniel P. Becker, et al.	
	FILING DATE	GROUP
June 25, 2003	1614-1625	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
59.	a	Luckow, et al., "Efficient generation of infectious recombinant baculoviruses by site-specific transposon-mediated insertion of foreign genes into a baculovirus genome propagated in escherihia coli," <i>J. Virol.</i> , 67(8):4566-4579 (1993)
60.		McClure, et al., "Matrix metalloprotease (MMP)-13 selective inhibitors for treatment of arthritis deformans and other MMP-related diseases," CA 131:125454 (1999) [CA Plus Accession No. 1999:468334]
61.		McGeehan, et al., "Regulation of tumour necrosis factor- α processing by a metalloproteinase inhibitor," <i>Nature</i> , 370:558-561 (1994)
62.		Mitchell, et al., "Cloning, expression, and type II collagenolytic activity of matrix metalloproteinase-13 from human osteoarthritic cartilage," <i>J. Clin. Invest.</i> , 97(3):761-768 (1996)
63.		Rasmussen, et al., "Matrix metalloproteinase inhibition as a novel anticancer strategy: a review with special focus on batimastat and marimastat," <i>Pharmacol. Ther.</i> , 75(1):69-75 (1997)
64.		Reboul, et al., "The new collagenase, collagenease-3, is expressed and synthesized by human chondrocytes but not by synoviocytes," <i>J. Clin. Invest.</i> , 97(9):2011-2019 (1996).
65.		Schwartz, et al., "Synthetic inhibitors of bacterial and mammalian interstitial collagenases," <i>Prog. in Med. Chem.</i> , 29:271-334 (1992).
66.		Tang, "ADAMTS: a novel family of extracellular matrix proteases," <i>Int'l J. Biochem. Cell Biol.</i> , 33, 33-44 (2001)
67.	w	Woessner, "The Matrix Metalloproteinase Family," <i>Matrix Metalloproteinases</i> , pp. 1-14 (Academic Press, San Diego, CA, Eds. Parks, W.C. & Mecham, R.P., 1998)

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